

WE CLAIM:

1 1. A burner assembly comprising:
2 a ring generally centered on an axis and defining an
3 array of outwardly open holes compartment;
4 means for supplying a gas/air mixture to the ring to
5 project jets of the mixture from the holes, whereby, when
6 ignited, the jets form a main annular flame centered on the axis;
7 a relatively small burner in the compartment generally
8 centered on the axis;
9 a horizontal plate on the ring overlying and covering
10 the compartment and the burner; and
11 means for supplying a gas/air mixture to the burner to
12 form in the chamber underneath the plate a small flame centered
13 on the axis.

1 2. The burner assembly defined in claim 1 wherein the
2 cover plate is a generally circular disk having an outer diameter
3 greater than an outer diameter of the small burner.

1 3. The burner assembly defined in claim 2 wherein the
2 disk outer diameter is greater than an inner diameter of the
3 ring.

1 4. The burner assembly defined in claim 1 wherein the
2 plate is spaced above the ring.

1 5. The burner assembly defined in claim 4 wherein the
2 plate has at least three downwardly projecting and angularly
3 spaced feet by which it stands on the ring.

1 6. The burner assembly defined in claim 5 wherein the
2 ring has a generally frustoconical upper surface centered on the
3 axis and sloping downward toward the axis and the feet have lower
4 surfaces of complementary shape that sit flatly on the surface.

1 7. The burner assembly defined in claim 1 wherein the
2 plate has an upper surface that slopes downward away from the
3 axis and that has an outer edge.

1 8. The burner assembly defined in claim 7 wherein the
2 ring has a generally frustoconical upper surface that slopes
3 downward outward away from the axis and having inner and outer
4 peripheries, the outer edge of the plate upper surface being
5 radially outward of the ring upper-surface inner periphery,
6 whereby drips from the plate run to the edge, fall therefrom onto
7 the ring upper surface, and run radially outward thereon.

1 9. The burner assembly defined in claim 1, further
2 comprising
3 a support for holding a cooking vessel spaced axially
4 slightly above the plate.

1 10. The burner assembly defined in claim 9 wherein the
2 support is glass.

1 11. The burner assembly defined in claim 9 wherein the
2 support is formed with vertically throughgoing holes.

1 12. The burner assembly defined in claim 1 wherein the
2 plate has a generally planar upper surface designed to directly
contact and support a cooking vessel.